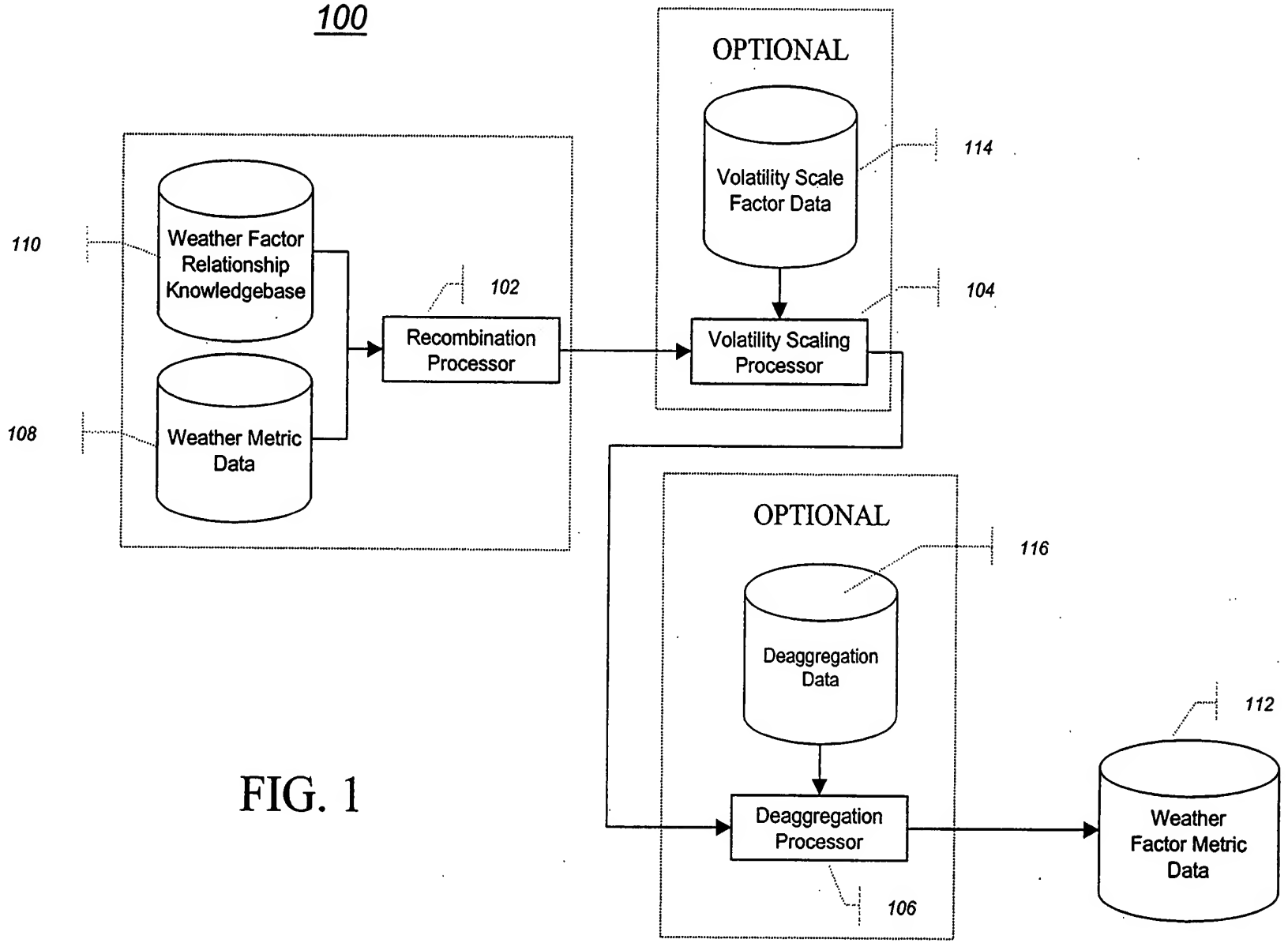


FIG. 1

108

Year	MA	Data Type	P1	P2	P3
2000	MSA 100	TEMP	49.0	43.0	45.0
2000	MSA 100	PREC	1.5	0.4	0.9
2000	MSA 100	SNOW	0.0	0.0	0.0
2000	MSA 100	TEMP.CAT	1.0	-1.0	-1.0
2000	MSA 100	PREC.CAT	1.0	-1.0	-1.0
2000	MSA 100	CT_MAX_WARM	4.0	1.0	2.0
2000	MSA 100	CT_MIN_SEAS	1.0	1.0	4.0
2000	MSA 100	CT_MAX_WARM_DRY	0.0	2.0	1.0
2000	MSA 100	CT_MIN_COLD_WET	1.0	0.0	0.0
2000	MSA 100	CT_MIN_WARM_MINUS_COLD	1.0	-2.0	0.0
2000	MSA 100	CT_MIN_WARM_SEAS_MINUS_COLD	1.52	0.23	0.4
2000	MSA 100	CT_MAX_TEMP_32_AND_PRECIP	0.0	0.0	0.0
2001	MSA 100	TEMP	53.0	51.0	56.0
2001	MSA 100	PREC	1.1	0.01	2.68
2001	MSA 100	SNOW	0.0	1.2	0.0
2001	MSA 100	TEMP.CAT	1.0	1.0	1.0
2001	MSA 100	PREC.CAT	1.0	-1.0	1.0

210

211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227

MA	Data Type	P1	P2	P3
MSA 100	TEMP.SEA	46.0	47.0	50.0
MSA 100	PREC.SEA	1.01	1.03	1.08
MSA 100	SNOW.SEA	0.7	0.2	0.2

230

231 232 233

FIG. 2A

108

MSA	YEAR	MONTH	TEMPERATURE	PRECIPITATION
UK002	2001	APR	Warm	Showers
UK002	2001	MAY	Seasonal	Rain
UK002	2001	JUN	Warm	Dry
UK002	2001	JUL	Very Warm	Showers
UK002	2001	AUG	Cold	Rain
UK002	2000	APR	Seasonal	Showers
UK002	2000	MAY	Cold	Dry
UK002	2000	JUN	Warm	Showers
UK002	2000	JUL	Seasonal	Dry
UK002	2000	AUG	Warm	Rain

250

251 252 253 254 255 256 257 258 259 260

MSA	YEAR	TIMEFRAME	CT_MIN_SEAS	CT_MAX_COLD_WET
MSA 100	2001	P1	2	0
MSA 100	2001	P2	6	6
MSA 100	2001	P3	4	6
MSA 100	2001	P4	5	1
MSA 100	2001	P5	2	5
MSA 100	2000	P1	1	6
MSA 100	2000	P2	1	6
MSA 100	2000	P3	4	6
MSA 100	2000	P4	3	5
MSA 100	2000	P5	4	4

270

271 272 273 274 275 276 277 278 279 280

FIG. 2B

110

310

		PRECIPITATION			
		DRY	SHOWERS	RAIN	SNOW
TEMPERATURE	Very WARM	2	2	1	-2
	WARM	2	1	1	-2
	SEASONAL	0	0	-1	-2
	COLD	-1	-1	-2	-2
	Very COLD	-2	-2	-2	-2

320

PRODUCT	MSA	MATRIX	START	END
HVAC A/C units	UK002	310	APR	AUG
HVAC Fans	UK002	310	APR	AUG
AUTO A/C units	UK002	310	MAY	AUG
Bottled Water/Beverages	UK002	310	APR	AUG
HVAC A/C units	UK026	310	APR	AUG
HVAC Fans	UK026	310	APR	AUG
AUTO A/C units	UK026	310	MAY	AUG
Bottled Water/Beverages	UK026	310	APR	AUG

FIG. 3

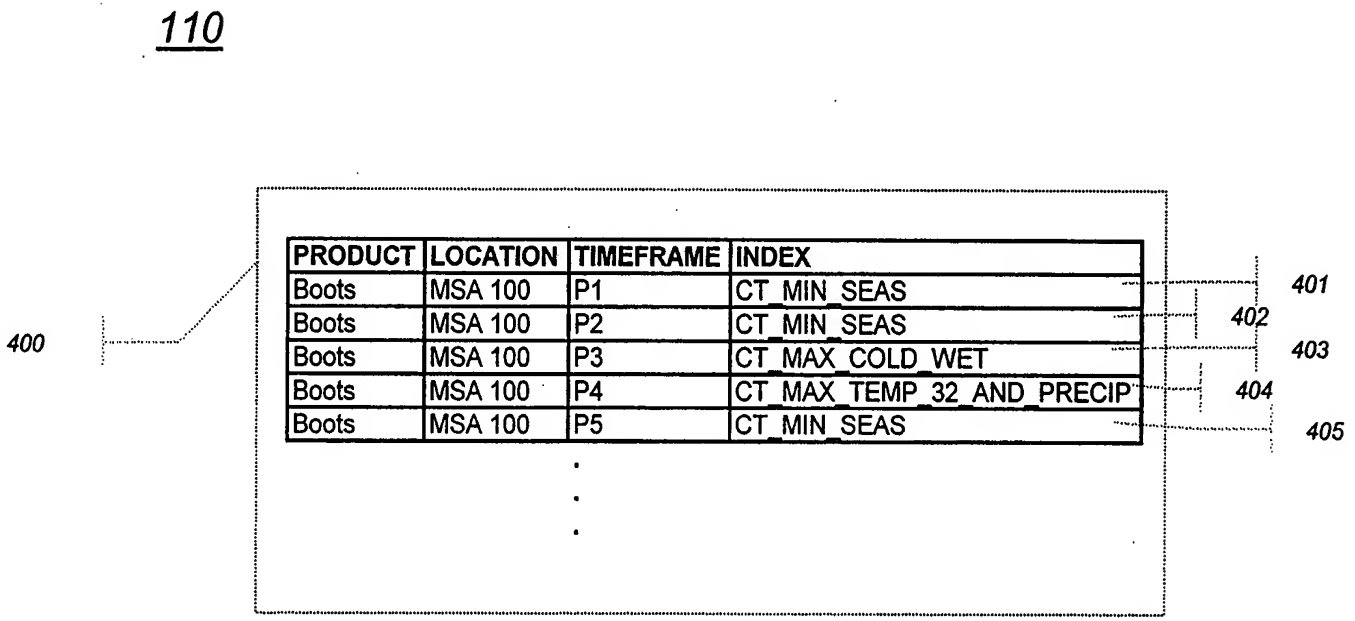
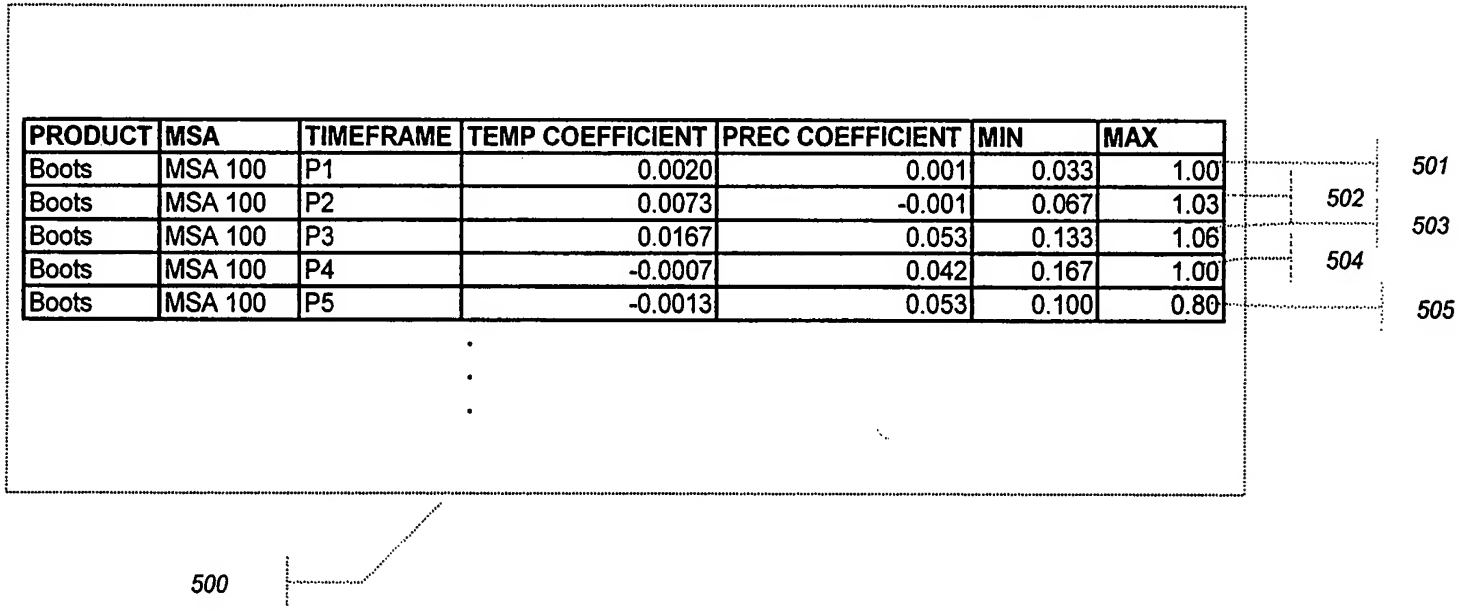

110
400
PRODUCT
LOCATION
TIMEFRAME
INDEX
Boots
MSA 100
P1
CT_MIN_SEAS
Boots
MSA 100
P2
CT_MIN_SEAS
Boots
MSA 100
P3
CT_MAX_COLD_WET
Boots
MSA 100
P4
CT_MAX_TEMP_32_AND_PRECIP
Boots
MSA 100
P5
CT_MIN_SEAS
401
402
403
404
405

FIG. 4

110



PRODUCT	MSA	TIMEFRAME	TEMP COEFFICIENT	PREC COEFFICIENT	MIN	MAX
Boots	MSA 100	P1	0.0020	0.001	0.033	1.00
Boots	MSA 100	P2	0.0073	-0.001	0.067	1.03
Boots	MSA 100	P3	0.0167	0.053	0.133	1.06
Boots	MSA 100	P4	-0.0007	0.042	0.167	1.00
Boots	MSA 100	P5	-0.0013	0.053	0.100	0.80

FIG. 5

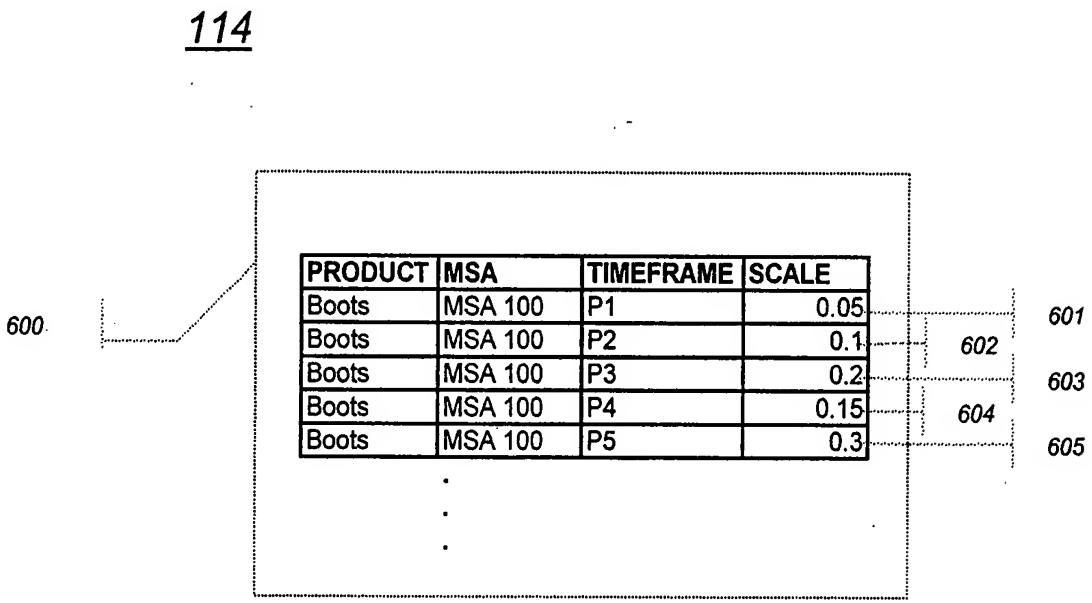

114
600
PRODUCT
MSA
TIMEFRAME
SCALE
Boots
MSA 100
P1
0.05
Boots
MSA 100
P2
0.1
Boots
MSA 100
P3
0.2
Boots
MSA 100
P4
0.15
Boots
MSA 100
P5
0.3
601
602
603
604
605

FIG. 6

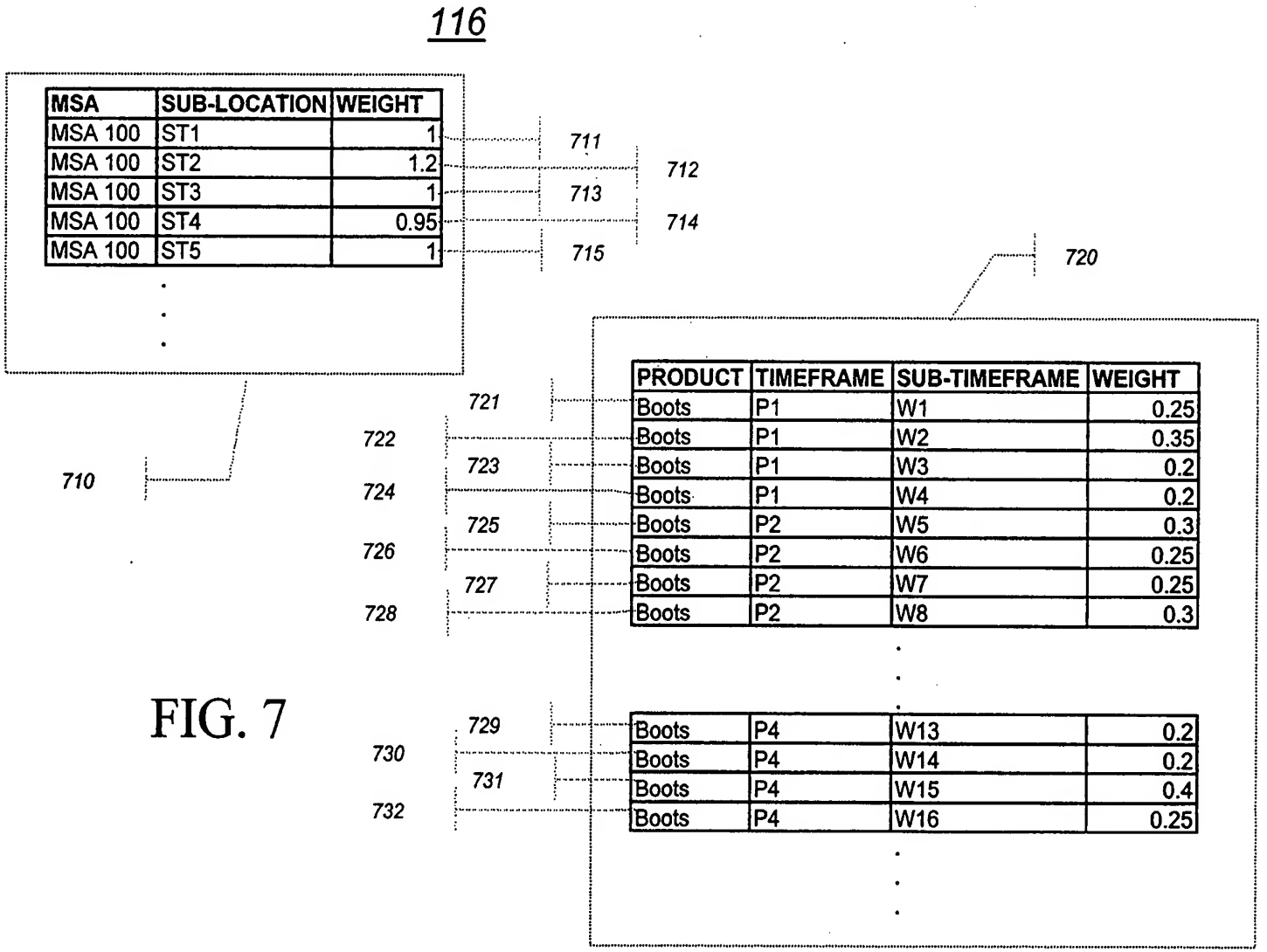

116
MSA
SUB-LOCATION
WEIGHT
MSA 100
ST1
1
MSA 100
ST2
1.2
MSA 100
ST3
1
MSA 100
ST4
0.95
MSA 100
ST5
1
711
712
713
714
715
720
710
721
722
723
724
725
726
727
728
729
730
731
732
PRODUCT
TIMEFRAME
SUB-TIMEFRAME
WEIGHT
Boots
P1
W1
0.25
Boots
P1
W2
0.35
Boots
P1
W3
0.2
Boots
P1
W4
0.2
Boots
P2
W5
0.3
Boots
P2
W6
0.25
Boots
P2
W7
0.25
Boots
P2
W8
0.3
Boots
P4
W13
0.2
Boots
P4
W14
0.2
Boots
P4
W15
0.4
Boots
P4
W16
0.25

FIG. 7

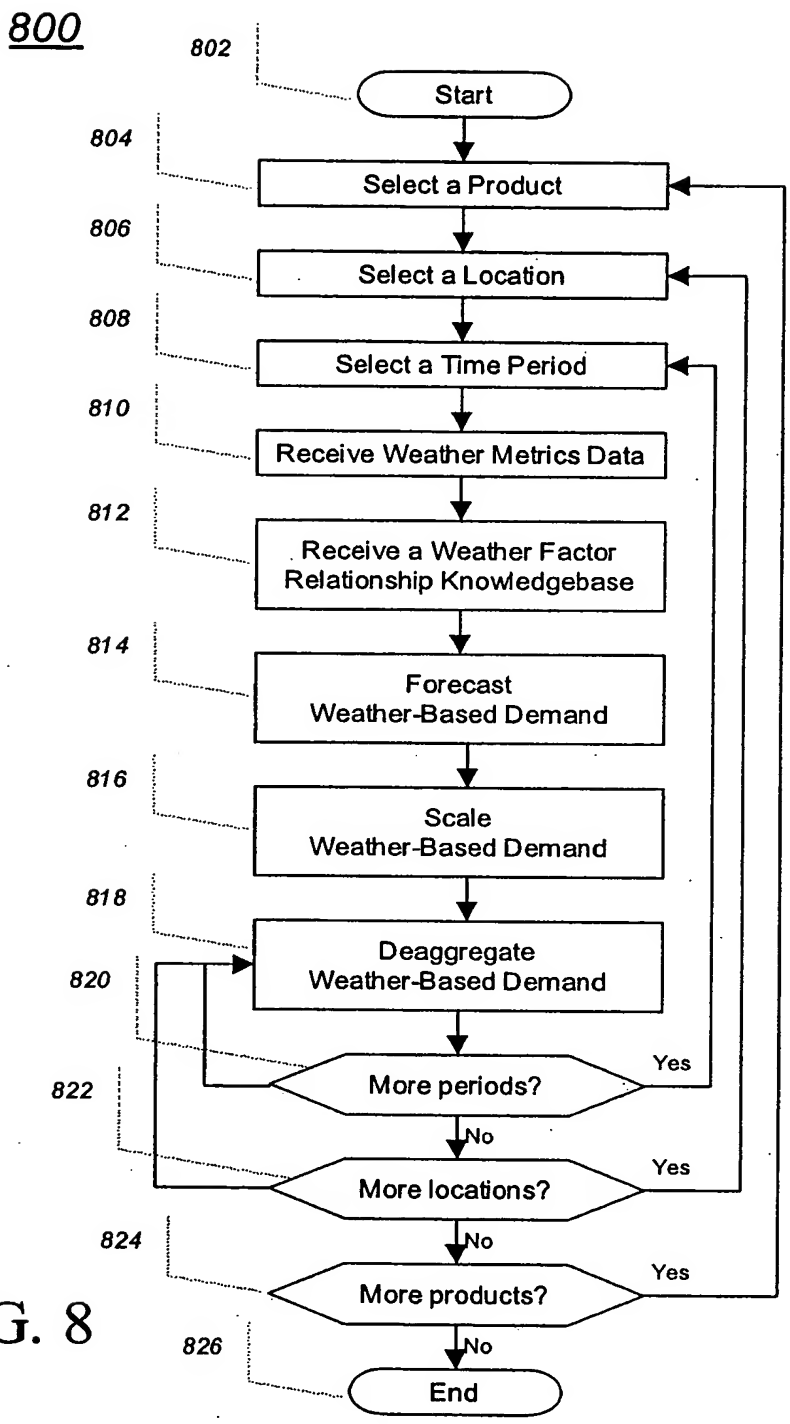

800
802
Start
804
Select a Product
806
Select a Location
808
Select a Time Period
810
Receive Weather Metrics Data
812
Receive a Weather Factor Relationship Knowledgebase
814
Forecast Weather-Based Demand
816
Scale Weather-Based Demand
818
Deaggregate Weather-Based Demand
820
More periods?
Yes
822
No
More locations?
Yes
824
No
More products?
Yes
826
No
End

FIG. 8

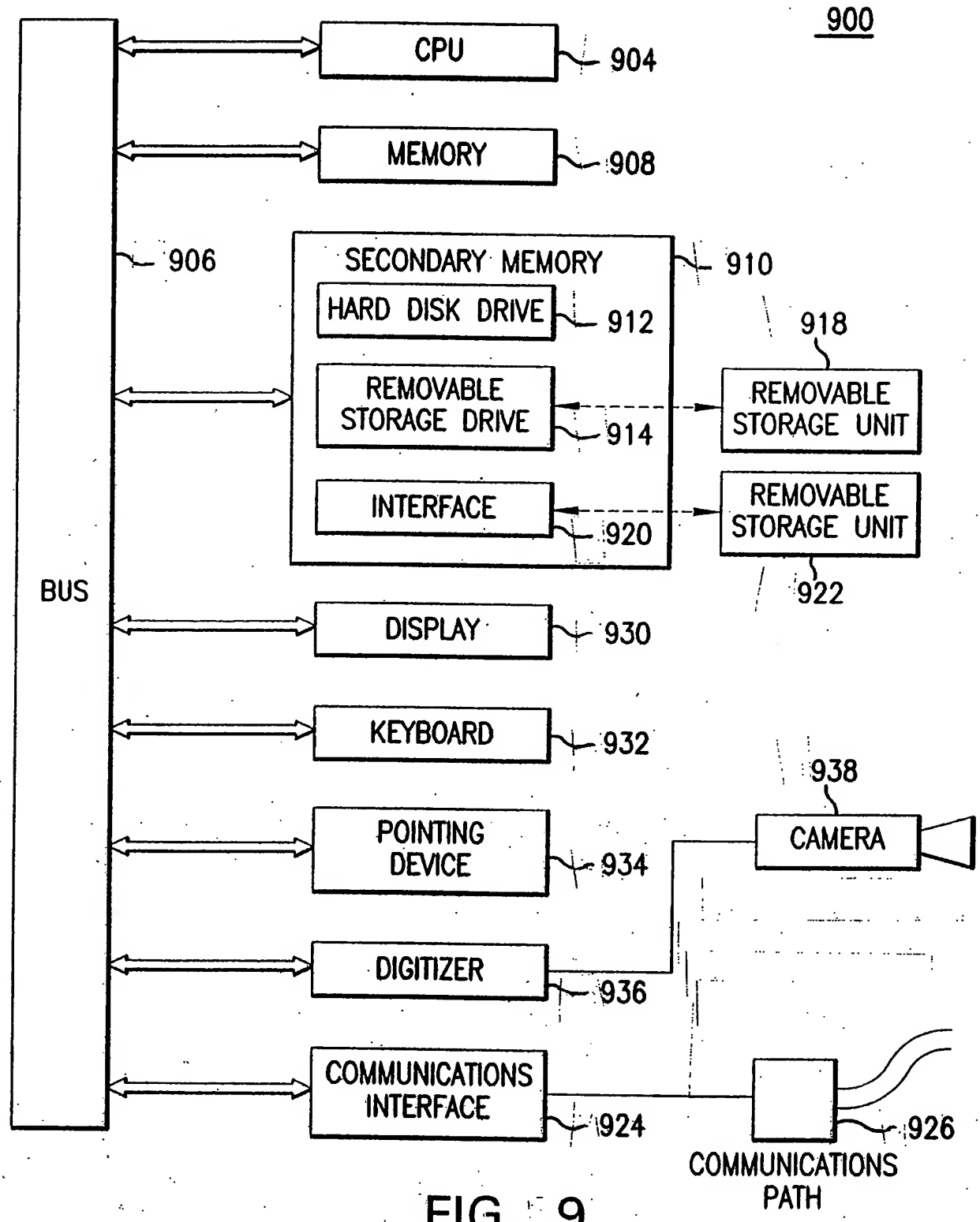

900
CPU
904
MEMORY
908
906
SECONDARY MEMORY
910
HARD DISK DRIVE
912
918
REMOVABLE STORAGE DRIVE
914
REMOVABLE STORAGE UNIT
INTERFACE
920
REMOVABLE STORAGE UNIT
922
BUS
DISPLAY
930
KEYBOARD
932
938
POINTING DEVICE
934
CAMERA
DIGITIZER
936
COMMUNICATIONS INTERFACE
924
926
COMMUNICATIONS PATH

FIG. 9